

Applicant: Philip KRAFT

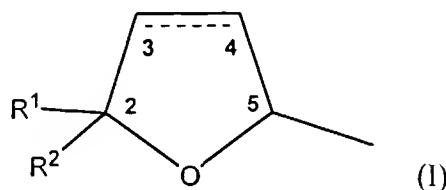
Response to Office Action mailed: March 11, 2009

Response Filed: June 11, 2009

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Previously Presented) A compound of formula (I)



wherein

R¹ is methyl, ethyl, propyl or iso-propyl;

R² is a branched C₄ - C₇ alkyl, with the proviso that the C₅ alkyl is neo-pentyl, C₅ - C₈ cycloalkyl, or mono- or disubstituted C₅ or C₆ cycloalkyl; and

the bond between C-3 and C-4 is a single bond, or the dotted line together with the bond between C-3 and C-4 represents a double bond.

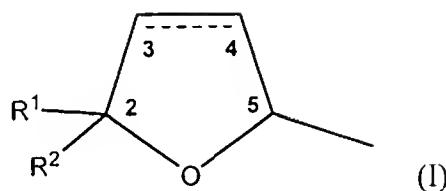
2. (Original) A compound according to claim 1 selected from the group consisting of 2-*tert*-butyl-5-methyl-2-propyl-2,5-dihydrofuran, 2-*tert*-butyl-5-methyl-2-propyltetrahydrofuran, 2-*tert*-butyl-2-isopropyl-5-methyl-2,5-dihydrofuran, 2-*tert*-butyl-2-isopropyl-5-methyltetrahydrofuran, 2-*tert*-butyl-2-ethyl-5-methyl-2,5-dihydrofuran, 2-*tert*-butyl-2-ethyl-5-methyltetrahydrofuran, 2-*tert*-butyl-2,5-dimethyl-2,5-dihydrofuran, 2-*tert*-butyl-2,5-dimethyltetrahydrofuran, 2-(3',3'-dimethylcyclohexyl)-2,5-dimethyl-2,5-dihydrofuran, and 2-(3',3'-dimethylcyclohexyl)-2,5-dimethyltetrahydrofuran.

3. (Currently Amended) A method for using a compound as an odorant. the method comprising. using mixing a compound of formula (I) as odorant or a composition comprising a compound of formula (I) in a fragrance application, wherein the compound of formula (I) comprises the odorant is described by the chemical structure:

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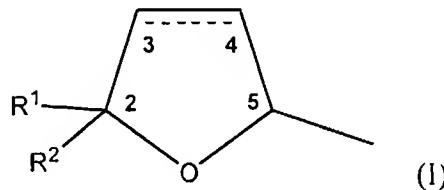


wher cin

 R^1 is methyl, ethyl, propyl or iso-propyl; R^2 is a branched C_4 - C_7 alkyl, C_5 - C_8 cycloalkyl, or mono- or disubstituted C_5 or C_6 cycloalkyl; and

the bond between C-3 and C-4 is a single bond, or the dotted line together with the bond between C-3 and C-4 represents a double bond.

4. (Previously Presented) A flavour or fragrance composition comprising a compound of formula (I), wherein the compound of formula (I) is described by the chemical structure:



wher cin

 R^1 is methyl, ethyl, propyl or iso-propyl; R^2 is a branched C_4 - C_7 alkyl, C_5 - C_8 cycloalkyl, or mono- or disubstituted C_5 or C_6 cycloalkyl; and

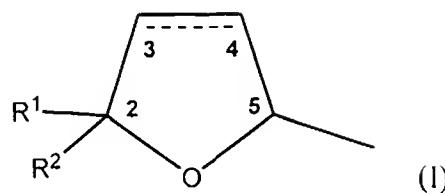
the bond between C-3 and C-4 is a single bond, or the dotted line together with the bond between C-3 and C-4 represents a double bond.

5. (Previously Presented) A method of manufacturing a flavour or fragrance composition, the method comprising: incorporating a compound of formula (I) into a base material, wherein the compound of formula (I) is described by the chemical structure:

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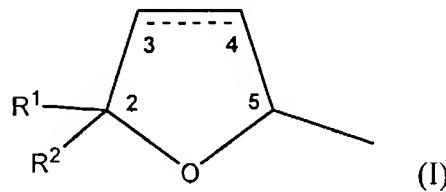


wherein

 R^1 is methyl, ethyl, propyl or iso-propyl; R^2 is a branched C_4 - C_7 alkyl, C_5 - C_8 cycloalkyl, or mono- or disubstituted C_5 or C_6 cycloalkyl; and

the bond between C-3 and C-4 is a single bond, or the dotted line together with the bond between C-3 and C-4 represents a double bond.

6. (Currently Amended) A method of manufacturing a fragrance application. comprising the incorporation of a compound of formula (I) into a base material, wherein the compound of formula (I) is described by the chemical structure:



wherein

 R^1 is methyl, ethyl, propyl or iso-propyl; R^2 is a branched C_4 - C_7 alkyl, C_5 - C_8 cycloalkyl, or mono- or disubstituted C_5 or C_6 cycloalkyl; and

the bond between C-3 and C-4 is a single bond, or the dotted line together with the bond between C-3 and C-4 represents a double bond.

7. (Previously Presented) The method according to claim 6 wherein the fragrance application is selected from the group consisting of perfumes, household products, laundry products, body care products and cosmetics.

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8. (Previously Presented) The method of claim 6 wherein the compound of formula (I) is selected from the group consisting of 2-*tert*-butyl-5-methyl-2-propyl-2,5-dihydrofuran, 2-*tert*-butyl-5-methyl-2-propyltetrahydrofuran, 2-*tert*-butyl-2-isopropyl-5-methyl-2,5-dihydrofuran, 2-*tert*-butyl-2-isopropyl-5-methyltetrahydrofuran, 2-*tert*-butyl-2-ethyl-5-methyl-2,5-dihydrofuran, 2-*tert*-butyl-2-ethyl-5-methyltetrahydrofuran, 2-*tert*-butyl-2,5-dimethyl-2,5-dihydrofuran, 2-*tert*-butyl-2,5-dimethyltetrahydrofuran, 2-(3',3'-dimethylelohexyl)-2,5-dimethyl-2,5-dihydrofuran, and 2-(3',3'-dimethyleyclohexyl)-2,5-dimethyltetrahydrofuran.

9. (Previously Presented) The method of claim 6 wherein the proportion of the compound of formula (I) is from 0.001 to 5 weight percent of the fragrance application.

10. (Previously Presented) The method of claim 6, wherein the incorporation of the compound of formula (I) is by directly admixing the compound of formula (I) to the fragrance application.

11. (Previously Presented) The method of claim 6, wherein the incorporation of the compound of formula (I) is by admixing a fragrance composition comprising a compound of formula (I) and mixing the fragrance composition with the fragrance application.

12. (Previously Presented) The method of claim 6, including entrapping the compound of formula (I) with an entrapment material, and then mixing with the fragrance application.

13. (Previously Presented) The method of claim 5 wherein the compound of formula (I) is selected from the group consisting of 2-*tert*-butyl-5-methyl-2-propyl-2,5-dihydrofuran, 2-*tert*-butyl-5-methyl-2-propyltetrahydrofuran, 2-*tert*-butyl-2-isopropyl-5-methyl-2,5-dihydrofuran, 2-*tert*-butyl-2-isopropyl-5-methyltetrahydrofuran, 2-*tert*-butyl-2-ethyl-5-methyl-2,5-dihydrofuran, 2-*tert*-butyl-2-ethyl-5-methyltetrahydrofuran, 2-*tert*-butyl-2,5-dimethyl-2,5-dihydrofuran, 2-*tert*-butyl-2,5-dimethyltetrahydrofuran, 2-(3',3'-

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dimethylcyclohexyl)-2,5-dimethyl-2,5-dihydrofuran, and 2-(3',3'-dimethylcyclohexyl)-2,5-dimethyltetrahydrofuran.

14. (Previously Presented) The composition of claim 4 wherein the compound of formula (I) is selected from the group consisting of 2-*tert*-butyl-5-methyl-2-propyl-2,5-dihydrofuran, 2-*tert*-butyl-5-methyl-2-propyltetrahydrofuran, 2-*tert*-butyl-2-isopropyl-5-methyl-2,5-dihydrofuran, 2-*tert*-butyl-2-isopropyl-5-methyltetrahydrofuran, 2-*tert*-butyl-2-ethyl-5-methyl-2,5-dihydrofuran, 2-*tert*-butyl-2-ethyl-5-methyltetrahydrofuran, 2-*tert*-butyl-2,5-dimethyl-2,5-dihydrofuran, 2-*tert*-butyl-2,5-dimethyltetrahydrofuran, 2-(3',3'-dimethylcyclohexyl)-2,5-dimethyl-2,5-dihydrofuran, and 2-(3',3'-dimethylcyclohexyl)-2,5-dimethyltetrahydrofuran.

15. (Previously Presented) The method of claim 3 wherein the compound of formula (I) is selected from the group consisting of 2-*tert*-butyl-5-methyl-2-propyl-2,5-dihydrofuran, 2-*tert*-butyl-5-methyl-2-propyltetrahydrofuran, 2-*tert*-butyl-2-isopropyl-5-methyl-2,5-dihydrofuran, 2-*tert*-butyl-2-isopropyl-5-methyltetrahydrofuran, 2-*tert*-butyl-2-ethyl-5-methyl-2,5-dihydrofuran, 2-*tert*-butyl-2-ethyl-5-methyltetrahydrofuran, 2-*tert*-butyl-2,5-dimethyl-2,5-dihydrofuran, 2-*tert*-butyl-2,5-dimethyltetrahydrofuran, 2-(3',3'-dimethylcyclohexyl)-2,5-dimethyl-2,5-dihydrofuran, and 2-(3',3'-dimethylcyclohexyl)-2,5-dimethyltetrahydrofuran.